

**What Is Claimed Is:**

1. An information access processing system for graphical download and upload access of a computer running an application software program by a user  
5 under a host operating system, said information access processing system comprising:
  - a front-end unit comprising a user interface for interfacing said user to said computer; and
  - 10 a back-end unit comprising an object analyzer wherein said object analyzer receiving information access requests requesting for information as issued by said user for determining the category of information object to be accessed; said object analyzer determining said accessed category of information objects by organizing said objects of said requested category and presenting said organized objects for selection by said user.
- 15 2. The information access processing system of claim 1, wherein said object analyzer organizes said objects of said request category by constructing a database, said database comprising an index system for organizing said objects.
- 20 3. The information access processing system of claim 1, wherein said application software program is a user-friendly application software system incorporating a plurality of simple interfaces for intuitive access by computer users.
- 25 4. The information access processing system of claim 1, wherein said application software program is a user-friendly One-Touch OS application software system for processing daily-life computer applications for computer users.
- 30 5. The information access processing system of claim 4, wherein said One-Touch OS application software system processes handy personal information including phone numbers and addresses.

6. The information access processing system of claim 4, wherein said One-Touch OS application software system takes notes.

7. The information access processing system of claim 4, wherein said One-Touch OS application software system provides communication services.

8. The information access processing system of claim 4, wherein said One-Touch OS application software system provides chatting service over the Internet.

10 9. The information access processing system of claim 4, wherein said One-Touch OS application software system provides access to the World Wide Web over Internet.

15 10. The information access processing system of claim 4, wherein said One-Touch OS application software system provides language tutoring to computer users.

11. The information access processing system of claim 4, wherein said One-Touch OS application software system provides typing tutoring to computer users.

20 12. The information access processing system of claim 4, wherein said One-Touch OS application software system provides game playing to computer users.

13. The information access processing system of claim 4, wherein said One-Touch OS application software system provides multimedia playback.

25 14. The information access processing system of claim 4, wherein said One-Touch OS application software system is capable of processing handy personal information including phone numbers and addresses, taking notes in texts and in drawings, providing communication services including telephone connections, 30 facsimile transmissions and receptions, electronic mailing, chatting service over the Internet, accessing the World Wide Web over the Internet, providing language

tutoring and typing tutoring to computer users, providing game play to computer users, and providing audio and video playback.

15. An information access processing system for graphical download and  
5 upload access of a computer running an application software program by a user  
under a host operating system, said information access processing system  
comprising:

a front-end unit comprising a user interface for interfacing said user to said  
computer; and

10 a back-end unit comprising an object analyzer wherein  
said object analyzer receiving information access requests requesting for  
information as issued by said user for determining the category of information object  
to be accessed; said object analyzer determining said accessed category of  
information objects by organizing said objects of said requested category by  
15 constructing a database wherein said database comprising an index system for  
organizing said objects, and said object analyzer presenting said organized objects  
for selection by said user.

20 16. The information access processing system of claim 15, wherein said  
application software program is a user-friendly application software system  
incorporating a plurality of simple interfaces for intuitive access by computer users.

25 17. In a computer running an application software program by a user under a  
host operating system, said application software program comprising a front-end  
unit that comprises a user interface for interfacing said user to said computer and a  
back-end unit that comprises an object analyzer, a method of processing information  
access for graphical download and upload access of information comprising the  
steps of:

30 a) said object analyzer receiving said information access requests requesting  
for information as issued by said user for determining the category of information  
object to be accessed;

5

- b) said object analyzer determining said accessed category of information objects by organizing said objects of said requested category; and
- c) said object analyzer presenting said organized objects for selection by said user.

10 18. The method of processing information access of claim 17, wherein said application software program is a user-friendly application software system incorporating a plurality of simple interfaces for intuitive access by computer users.

10 19. The method of processing information access of claim 18, wherein said application software program is a user-friendly One-Touch OS application software system for processing daily-life computer applications for computer users.

15 20. The method of processing information access of claim 18, wherein said One-Touch OS application software system processes handy personal information including phone numbers and addresses.

20 21. The method of processing information access of claim 18, wherein said One-Touch OS application software system takes notes.

22. The method of processing information access of claim 18, wherein said One-Touch OS application software system provides communication services.

25 23. The method of processing information access of claim 18, wherein said One-Touch OS application software system provides chatting service over the Internet.

30 24. The method of processing information access of claim 18, wherein said One-Touch OS application software system provides access to the World Wide Web over Internet.

25. The method of processing information access of claim 18, wherein said One-Touch OS application software system provides language tutoring to computer users.

5 26. The method of processing information access of claim 18, wherein said One-Touch OS application software system provides typing tutoring to computer users.

10 27. The method of processing information access of claim 18, wherein said One-Touch OS application software system provides game playing to computer users.

15 28. The method of processing information access of claim 18, wherein said One-Touch OS application software system provides multimedia playback.

20 29. The method of processing information access of claim 19, wherein said One-Touch OS application software system is capable of processing handy personal information including phone numbers and addresses, taking notes in texts and in drawings, providing communication services including telephone connections, facsimile transmissions and receptions, electronic mailing, chatting service over the Internet, accessing the World Wide Web over the Internet, providing language tutoring and typing tutoring, providing game playing, and providing audio and video playback.